

10/549986
JC17 Rec'd PCT/PTO 19 SEP 2005
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Docket Number
36856.1370

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re. application of : Norio SAKAI et al.	International Application No.:
Serial No.: Unknown	PCT/JP2004/015213
Filed: Concurrently herewith	International Filing Date:
For: CERAMIC MULTILAYER SUBSTRATE	October 15, 2004

INFORMATION DISCLOSURE STATEMENT

Mail Stop PCT
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

In accordance with 37 CFR §1.56, and in recognition of their duty to disclose to the United States Patent and Trademark Office relevant information known to be material to patentability, Applicants herewith submit the attached Form PTO-1449.

Reference Nos. 1-10 were cited in the attached International Search Report for PCT Application No. PCT/JP2004/015213.

Reference No. 1 is the U.S. equivalent of Reference No. 3, and Reference No. 2 is the U.S. equivalent of Reference No. 8.

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Reference No. 5 is discussed on page 1 of the substitute specification filed concurrently herewith.

Reference Nos. 11-14 are additional references that Applicants are submitting herewith.

Applicants do not submit herewith copies of the U.S. references as this is no longer required.

The statement is not a representation that all of the information cited is necessarily effective as prior art against the application.

Applicants respectfully request that the cited references be made of record in the subject application.

Respectfully submitted,

Date: September 19, 2005


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Substitute for form 1449/PTO

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Use as many sheets as necessary)

Sheet **1** of **1**

Complete if Known

Application Number **10/549986**
 Filing Date
 First Named Inventor **Norio SAKAI**
 Art Unit
 Examiner Name
 Attorney Docket Number **36856.1370**

U.S. PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Document Number Number-Kind Code ² (if known)	Publication Date MM -YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
	1	6,353,189	03-2002	Shimada et al.	
	2	2002/0140081	10-2002	Chou et al.	

FOREIGN PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Foreign Patent Document Country Code ³ Number-Kind Code ⁵ (if known)	Publication Date MM -YYYY	Country of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ⁶
	3	WO98/47331	10-1998	WIPO		X
	4	JP 2003-23257 (English abstract and machine translation)	01-2003	JAPAN		X
	5	JP 2002-094410 (English abstract and machine translation)	03-2002	JAPAN		X
	6	JP 2002-185222 (English abstract and machine translation)	06-2002	JAPAN		X
	7	JP 2003-086990 (English abstract and machine translation)	03-2003	JAPAN		X
	8	JP 2002-198655 (English abstract and machine translation)	07-2002	JAPAN		X
	9	JP 2003-347467 (English abstract and machine translation)	12-2003	JAPAN		X
	10	JP 2000-004071 (English abstract and machine translation)	01-2000	JAPAN		X
	11	JP 07-142867 (English abstract and machine translation)	06-1995	JAPAN		X
	12	JP 10-242335 (English abstract and machine translation)	09-1998	JAPAN		X
	13	JP 2002-094247 (English abstract and machine translation)	03-2002	JAPAN		X
	14	JP 2003-124435 (English abstract and machine translation)	04-2003	JAPAN		X

Examiner Signature		Date Considered	
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*Examiner: Initial if reference considered, whether of not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered, include copy of this form with next communication to applicant.

¹ Applicant unique citation designation number (optional). ² See Kind Codes of USPTO Patent documents at www.uspto.gov or MPEP 901.04. ³ Enter Office that issued the document by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶ Applicant is to place a check mark here if English language Abstract is attached. This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14.